

National Library of Medicine - Medical Subject Headings

2005 MeSH

MeSH Descriptor Data

[Return to Entry Page](#)

MeSH Heading	Interferon Alfa-2a
Tree Number	D12.776.467.750.500.125.100
Tree Number	D12.776.467.750.500.250.100
Tree Number	D12.776.828.200.100
Tree Number	D24.611.350.440.890.125.100
Tree Number	D24.611.350.440.890.250.100
Annotation	spelling "alfa" is commonly used for recombinant form
Scope Note	A recombinant alfa interferon consisting of 165 amino acids with lysine at position 23 and histidine at position 34. It is used extensively as an antiviral and antineoplastic agent.
Entry Term	Recombinant Interferon Alfa-2a
Entry Term	Recombinant Interferon alpha-2a
Entry Term	Ro 22-8181
Entry Term	Roferon-A
Allowable Qualifiers	AA AD AE AG AI AN BI BL CF CH CL CS CT DE DU EC GE HI IM IP ME PD PK PO RE SD SE ST TO TU UL UR
Pharm. Action	Angiogenesis Inhibitors
Pharm. Action	Antineoplastic Agents
Pharm. Action	Antiviral Agents
Registry Number	76543-88-9
Previous Indexing	Interferon Type I (1983-1988)
Previous Indexing	Recombinant Proteins (1986-1988)
History Note	91(89); was see under INTERFERON ALFA, RECOMBINANT 1989-90
Unique ID	D015380

MeSH Tree Structures

Amino Acids, Peptides, and Proteins [D12]Proteins [D12.776]Intercellular Signaling Peptides and Proteins [D12.776.467]Interferons [D12.776.467.750]Interferon Type I [D12.776.467.750.500]Interferon Type I, Recombinant [D12.776.467.750.500.125]

➤ Interferon Alfa-2a
[D12.776.467.750.500.125.100]

Interferon Alfa-2b
[D12.776.467.750.500.125.150]

Interferon Alfa-2c
[D12.776.467.750.500.125.200]

Amino Acids, Peptides, and Proteins [D12]Proteins [D12.776]Intercellular Signaling Peptides and Proteins [D12.776.467]Interferons [D12.776.467.750]Interferon Type I [D12.776.467.750.500]Interferon-alpha [D12.776.467.750.500.250]

➤ Interferon Alfa-2a [D12.776.467.750.500.250.100]

Interferon Alfa-2b [D12.776.467.750.500.250.150]

Interferon Alfa-2c [D12.776.467.750.500.250.200]

Amino Acids, Peptides, and Proteins [D12]Proteins [D12.776]Recombinant Proteins [D12.776.828]Interferon Type I, Recombinant [D12.776.828.200]

➤ Interferon Alfa-2a [D12.776.828.200.100]

Interferon Alfa-2b [D12.776.828.200.150]

Interferon Alfa-2c [D12.776.828.200.201]

Immunologic and Biological Factors [D24]Immunologic Factors [D24.611]Cytokines [D24.611.350]Interferons [D24.611.350.440]Interferon Type I [D24.611.350.440.890]Interferon Type I, Recombinant [D24.611.350.440.890.125]

➤ Interferon Alfa-2a
[D24.611.350.440.890.125.100]

Interferon Alfa-2b

[\[D24.611.350.440.890.125.150\]](#)

[Interferon Alfa-2c](#)

[\[D24.611.350.440.890.125.200\]](#)

[Immunologic and Biological Factors \[D24\]](#)

[Immunologic Factors \[D24.611\]](#)

[Cytokines \[D24.611.350\]](#)

[Interferons \[D24.611.350.440\]](#)

[Interferon Type I \[D24.611.350.440.890\]](#)

[Interferon-alpha \[D24.611.350.440.890.250\]](#)

▶ [Interferon Alfa-2a \[D24.611.350.440.890.250.100\]](#)

[Interferon Alfa-2b \[D24.611.350.440.890.250.150\]](#)

[Interferon Alfa-2c \[D24.611.350.440.890.250.200\]](#)

[Return to Entry Page](#)

[Link to NLM Cataloging Classification](#)

National Library of Medicine - Medical Subject Headings

2005 MeSH

MeSH Descriptor Data

[Return to Entry Page](#)

MeSH Heading	Interferon Alfa-2b
Tree Number	D12.776.467.750.500.125.150
Tree Number	D12.776.467.750.500.250.150
Tree Number	D12.776.828.200.150
Tree Number	D24.611.350.440.890.125.150
Tree Number	D24.611.350.440.890.250.150
Annotation	spelling "alfa" is commonly used for for recombinant form; do not confuse X ref INTRON A (INTERFERON) with INTRONS.
Scope Note	A recombinant alfa interferon consisting of 165 amino acid residues with arginine in position 23 and histidine in position 34. It is used extensively as an antiviral and antineoplastic agent.
Entry Term	Recombinant Interferon Alfa-2b
Entry Term	Intron A (Interferon)
Entry Term	Recombinant Interferon alpha-2b
Entry Term	Sch-30500
Allowable Qualifiers	AA AD AE AG AI AN BI BL CF CH CL CS CT DE DU EC GE HI IM IP ME PD PK PO RE SD SE ST TO TU UL UR
Pharm. Action	<u>Angiogenesis Inhibitors</u>
Pharm. Action	<u>Antineoplastic Agents</u>
Pharm. Action	<u>Antiviral Agents</u>
CAS Type 1 Name	Inteferon alpha 2b (human leukocyte clone Hif-SN 206 protein moiety reduced).
Registry Number	99210-65-8
Previous Indexing	<u>Interferon Type I</u> (1983-1988)
Previous Indexing	<u>Recombinant Proteins</u> (1986-1988)
History Note	91(89); was see under INTERFERON ALFA, RECOMBINANT 1989-90
Unique ID	D015381

MeSH Tree Structures

Amino Acids, Peptides, and Proteins [D12]

Proteins [D12.776]

Intercellular Signaling Peptides and Proteins [D12.776.467]

Interferons [D12.776.467.750]

Interferon Type I [D12.776.467.750.500]

Interferon Type I, Recombinant [D12.776.467.750.500.125]

Interferon Alfa-2a

[D12.776.467.750.500.125.100]

► Interferon Alfa-2b

[D12.776.467.750.500.125.150]

Interferon Alfa-2c

[D12.776.467.750.500.125.200]

Amino Acids, Peptides, and Proteins [D12]

Proteins [D12.776]

Intercellular Signaling Peptides and Proteins [D12.776.467]

Interferons [D12.776.467.750]

Interferon Type I [D12.776.467.750.500]

Interferon-alpha [D12.776.467.750.500.250]

Interferon Alfa-2a [D12.776.467.750.500.250.100]

► Interferon Alfa-2b [D12.776.467.750.500.250.150]

Interferon Alfa-2c [D12.776.467.750.500.250.200]

Amino Acids, Peptides, and Proteins [D12]

Proteins [D12.776]

Recombinant Proteins [D12.776.828]

Interferon Type I, Recombinant [D12.776.828.200]

Interferon Alfa-2a [D12.776.828.200.100]

► Interferon Alfa-2b [D12.776.828.200.150]

Interferon Alfa-2c [D12.776.828.200.201]

Immunologic and Biological Factors [D24]

Immunologic Factors [D24.611]

Cytokines [D24.611.350]

Interferons [D24.611.350.440]

[Interferon Type I \[D24.611.350.440.890\]](#)

[Interferon Type I, Recombinant \[D24.611.350.440.890.125\]](#)

[Interferon Alfa-2a](#)

[\[D24.611.350.440.890.125.100\]](#)

► [Interferon Alfa-2b](#)

[\[D24.611.350.440.890.125.150\]](#)

[Interferon Alfa-2c](#)

[\[D24.611.350.440.890.125.200\]](#)

[Immunologic and Biological Factors \[D24\]](#)

[Immunologic Factors \[D24.611\]](#)

[Cytokines \[D24.611.350\]](#)

[Interferons \[D24.611.350.440\]](#)

[Interferon Type I \[D24.611.350.440.890\]](#)

[Interferon-alpha \[D24.611.350.440.890.250\]](#)

[Interferon Alfa-2a \[D24.611.350.440.890.250.100\]](#)

► [Interferon Alfa-2b \[D24.611.350.440.890.250.150\]](#)

[Interferon Alfa-2c \[D24.611.350.440.890.250.200\]](#)

[Return to Entry Page](#)

[Link to NLM Cataloging Classification](#)